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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
1/29/09 – 2/4/09**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Westbound view, newly installed Bus Stop Pad on north side on 1700 block.

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Benning Rd Reconstruction  
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## EXECUTIVE SUMMARY

### **Project Description**

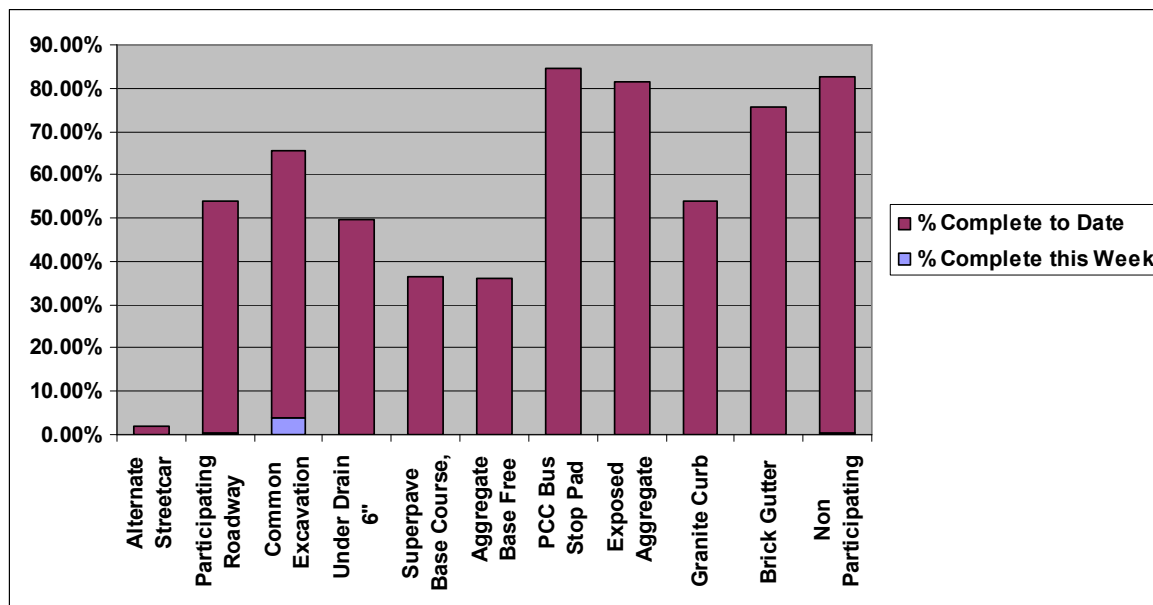
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## Issues and Resolutions:

- Work on the Starburst Area PEPCO distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> started 12-8-08. Presently, PEPCO is not maintaining the schedule due to design issues that have arisen due to the field conditions. The projected completion date for this work is 5/1/09. Every day past the 5/1/09 projected completion date will result in a day claimed for further delay by CPDC.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18<sup>th</sup> Street and 19<sup>th</sup> Street due to issues in tunneling under existing utilities. PEPCO stated that the additional time needed for the feeder line replacement would be 3 weeks. New anticipated completion date is 2/20/09.

- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19<sup>th</sup> Street. Capitol began the removal and replacement of the north bound curblane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

## WORK PERFORMED

For the week ending February 4, 2009, the following specific construction progress has been made in the areas listed:

### 1. Thursday 1/29:

#### Benning Road:

Excavation for the installation for 1-24" ductile iron pipe bend. Installation of #10 stranded wire and the #8 ground wire for streetlights L#71, L#78 and L#79 at 26<sup>th</sup> Street. Installation of the decorative covers to various pendent poles from 21<sup>st</sup> Street to Oklahoma Ave.

#### PEPCO work:

Continuation of the tunneling operations at the south east corner of 19<sup>th</sup> Street. Continuation of the hand digging at the north east corner of 17<sup>th</sup> Street. Excavation at the south east corner of 15<sup>th</sup> Street. Pumping out the excavation at the 1500 Block. Test pitting work for the determination of the location of MH41 at Florida Ave.

### 2. Friday 1/30:

#### Benning Road:

Installation of #10 stranded wire and the #8 ground wire for streetlights L#60, L#62 and L#48 at 24<sup>th</sup> Street and 21<sup>st</sup> Street. Installation of the 400 watt HPS luminaire lamp and photocell for #L48 at 18<sup>th</sup> Street. Preparation for the 24" ductile iron pipe connection at station 97+00.

#### Starburst Plaza/ Bladensburg Road:

Placement of temporary asphalt sidewalk between Benning Road and Morse Street North.

#### PEPCO work:

Continuation of the hand-digging and shoring of the trench. Continuation of the pumping out of the excavation at the 1500 Block. Continuation of the excavation for the installation of the manhole at Florida Ave.



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**3. Saturday 1/31:**

Benning Road:

Painting of the white lane markings between 20<sup>th</sup> and 21<sup>st</sup> Street. Demolition and excavation of the roadway between 19<sup>th</sup> Street and 21<sup>st</sup> Street. Excavation of the roadway at 16<sup>th</sup> Street.

**4. Sunday 2/1:**

No work completed.

**5. Monday 2/2:**

Benning Road:

Demolition of the existing roadway between 20<sup>th</sup> Street and 21<sup>st</sup> Street. Excavation and 12" at the south west corner of 16<sup>th</sup> Street. Installation of the 12" watermain (part of Watermain "D") at the 1500 block.

Starburst Plaza:

Installation of the 24" ductile iron pipe for Watermain "D".

PEPCO work:

Continuation and completion of the tunneling work at 19<sup>th</sup> Street. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Hand digging work around existing utilities at PEPCO man hole at Florida Ave.

**6. Tuesday 2/3:**

PEPCO work:

Backfill work at Watermain "D". Placement of the 2500 PSI grout fill in the excavated tunnel under the 19<sup>th</sup> Street Intersection. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench and placement of the concrete wafers for the manhole at Florida Ave. Continuation of the pumping of water from the 1500 block due to the water leak. Commencement of the test pitting to locate the leak at 1500 block.

**7. Wednesday 2/4:**

PEPCO work:

Work on the excavation of the trenching and the installation of concrete encased conduit at 19<sup>th</sup> Street. Hand digging work around existing utilities at 15<sup>th</sup> Street. Continuation of the pumping of water from the 1500 block due to the water leak. Excavation and hand digging work for the shoring for the new man hole installation.

## Utilities Reconstruction Update 2-4-09

### PEPCO:

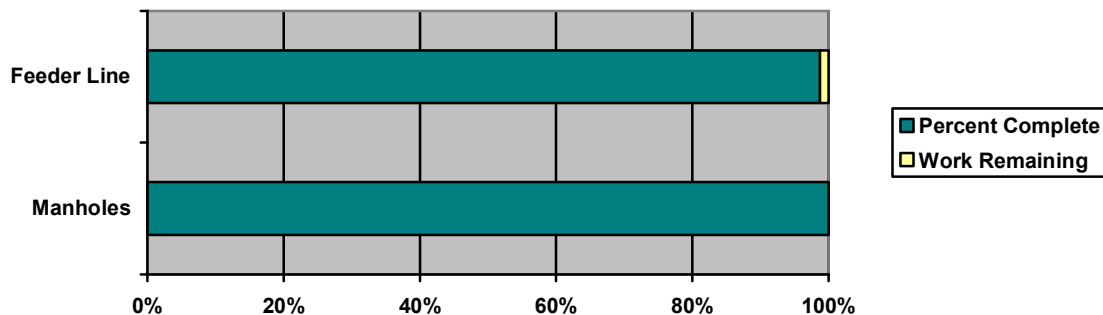
#### Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

#### PEPCO Feeder Line Replacement:

4085' total feeder	4053 feet complete	99.22% complete
6 Manholes total	6 completed	100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days. PEPCO stated that the additional time needed for the feeder line replacement would be 3 weeks. New anticipated completion date is 2/20/09.



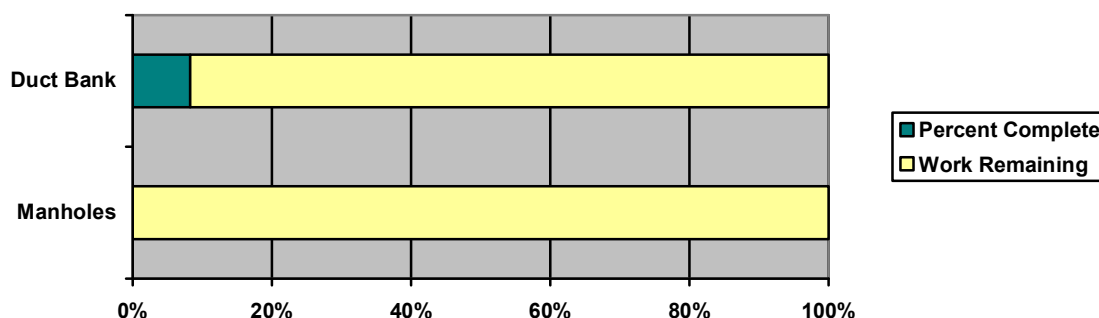
- 20 feet of feeder line was installed in the tunneling area at 19<sup>th</sup> Street, within this weekly report period.

#### Starburst Distribution Line Duct Bank Construction:

Start: 11/24/08      Completion: 05/01/09

2363' total feet of ductbank	195 feet complete	8.25% complete
5 Manholes total	0 completed	0% complete





- 25 feet of duct bank construction completed within this report period.
- This activity is on a critical path and is a major concern on its completion, in order for other work by Capitol Paving to continue and be completed on time. Each potential day past the 5-1-09 tentative completion date will continue to affect the CPDC project timing.
- PEPCO to work with CPDC on the repair work required by the potential damage by PEPCO in the Starburst area work. The newly installed curb and gutter work by CPDC at Florida Ave and H Street has been removed by PEPCO in order to perform test pitting and excavation work in the installation of a manhole and distribution line work in the area. PEPCO to work with CPDC on the repairs required.

### **Washington Gas:**

#### **Project Totals:**

Completed Connections: 77    Total Connections    77    %Complete: 100%  
Gas Main install complete: 4615'    Total Length    4615'    %Complete: 100%

- Remaining work on Benning Road has been completed. Project total completion is 100%.
- Washington Gas will return to reconnect the offset that was put in to accommodate the PEPCO tunnel at 19<sup>th</sup> Street, upon completion of the PEPCO work in that area.

### **Clear Channel:**

Relocation of the two bus stop shelters at the Starburst Plaza will occur upon the completion of the excavation and curb installations by CPDC in the starburst area. Schedule for the reinstallation is to be determined.



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**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 2-06-09 TO 2-20-09**

**Starburst Plaza**

- 2.11.09 Set up MOT (close MD Ave) (3 days)
- 2.11.09 Start Removing Trees (3 days)
- 2.10.09 Cut Tree at 1500 Block S/S (3 days)

**16<sup>th</sup> St & 2000 blk Benning S/S**

- 2.6.09 Grading (5 days)
- 2.12.09 Asphalt (8 days)

**1700 - 1900 blk Benning Rd. N/S**

- 2.4.09 Remove Tree 1700 blk (2 days)
- 2.7.09 1900 blk – Set up MOT sub phase 1C (1 day)

**21<sup>st</sup> St to Project Limit (Metro overpass) N/S**

- 2.6.09 Grading (12 days)
- 2.20.09 Asphalt (1 days)

**Watermain work (WASA)**

- 2.9.09 Remove valve and Tie in to WM at NEC 18<sup>th</sup> Street (6 days)
- 2.6.09 Valve/ MH @ Morse and Benning Road (6 days)

**PEPCO Restoration**

- 2.6.09 Excavation and Grade 19<sup>th</sup> to 21<sup>st</sup> St N/S
- 2.6.09 Grading 17<sup>th</sup> to 18<sup>th</sup> St N/S (5 days)
- 2.12.09 Asphalt 17<sup>th</sup> to 18<sup>th</sup> St N/S (4 days)

**Benning Rd**

- 2.6.09 Erosion Control (2 days; Feb 11<sup>th</sup> & Feb 18<sup>th</sup>)
- 2.6.09 MOT (2 days; Feb 11<sup>th</sup> & Feb 18<sup>th</sup>)
- 2.6.09 Jobsite maintenance (2 days; Feb 11<sup>th</sup> & Feb 18<sup>th</sup>)





18th St, Installation of 400 watt HPS luminaire lamp and photocell for L#48



97+00+/-, Preparation for 24" ductile iron pipe connection



19th St & 21st St, Demolition/Excavation of existing roadway



16th St @ Intersection (NWC) Excavation of existing roadway





16th St (SWC) @ Intersection, 12" Undercut



16th St (SWC) @ Intersection, Demolition and excavation of the roadway